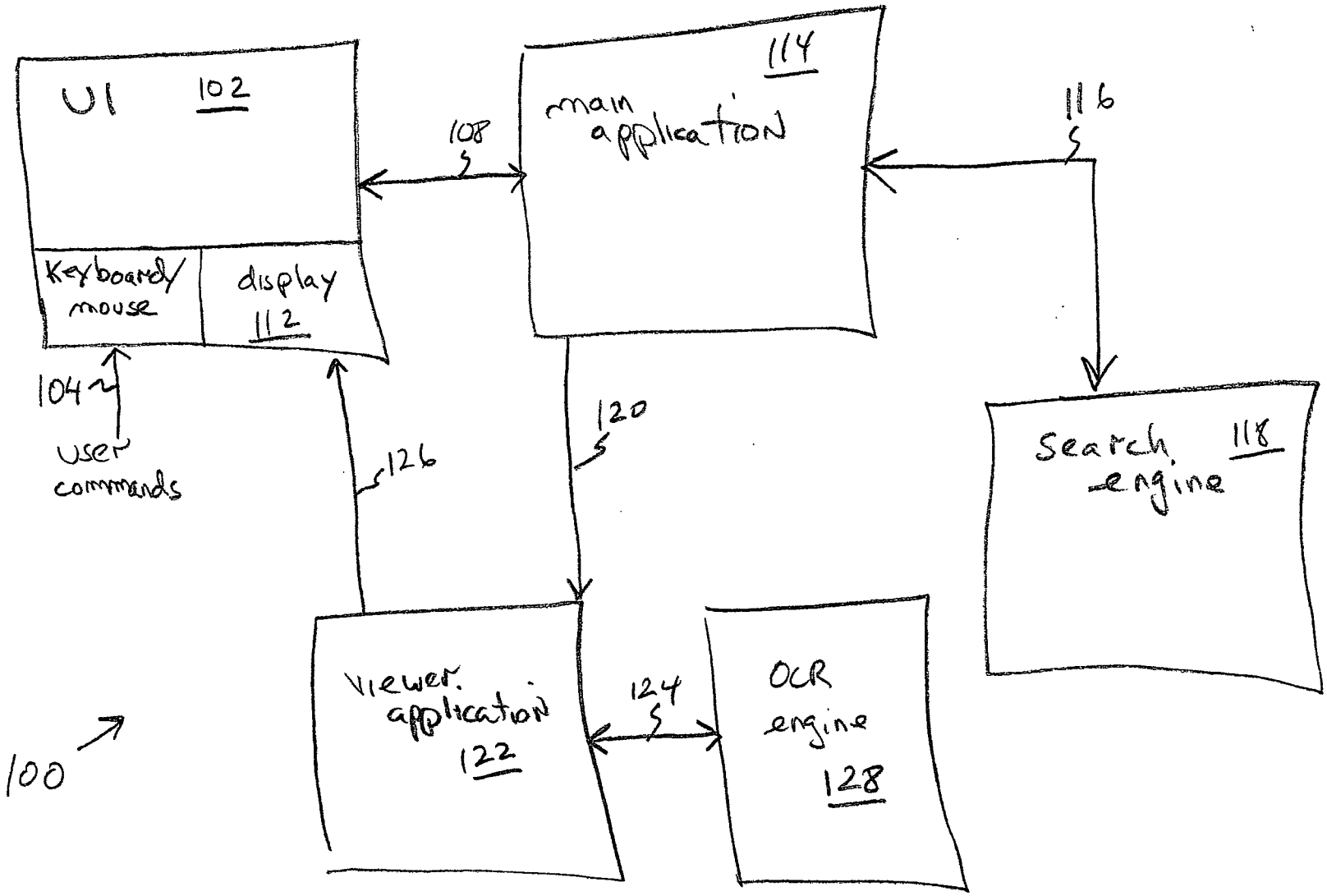
UI 102
Keyboard/ mouse
display 112
104
user commands
108
main application 114
116
Search engine 118
120
126
viewer application 122
124
OCR engine 128
100

Fig. 1

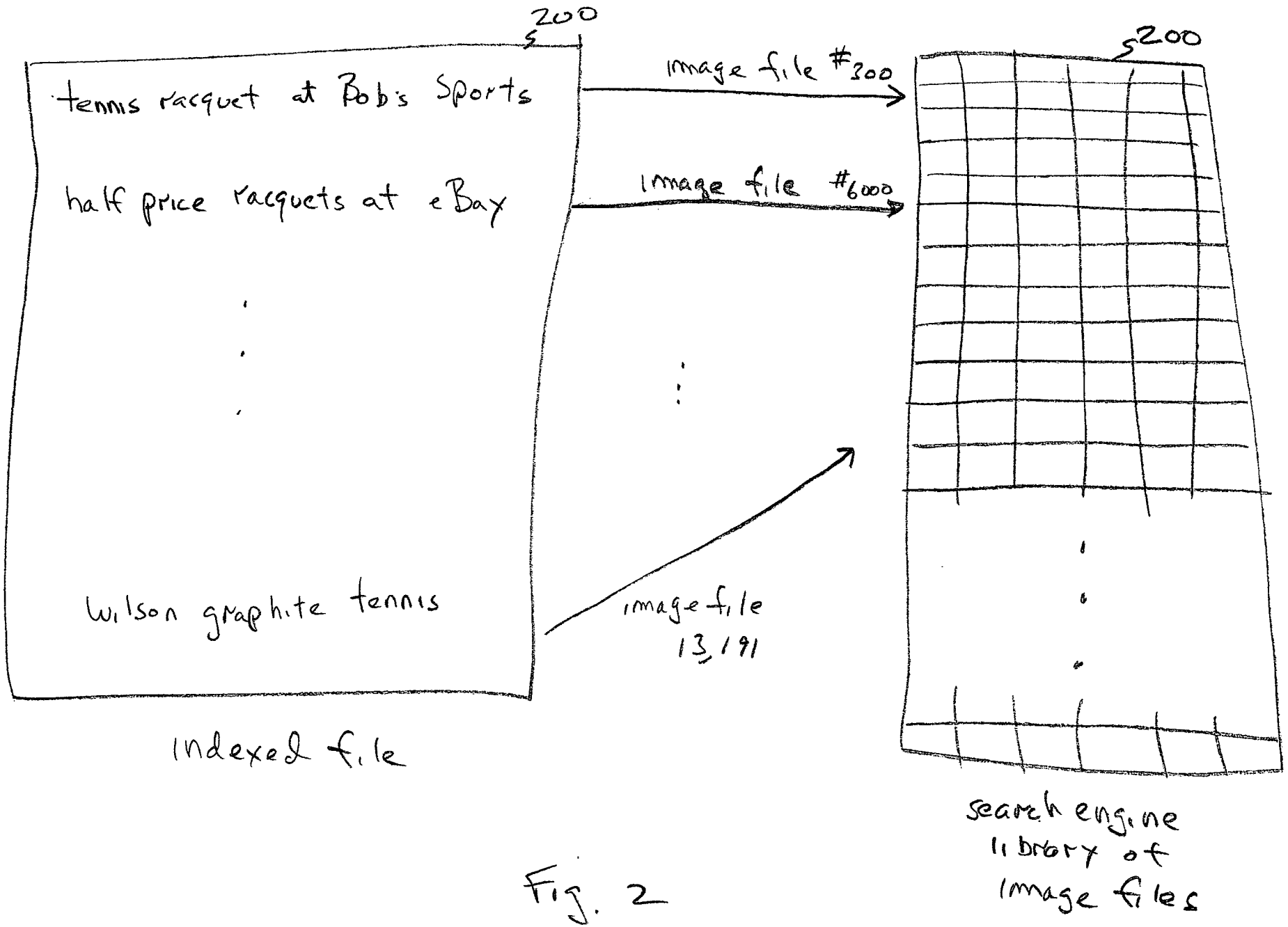
200
tennis racquet at Bob's Sports
half price racquets at eBay
Wilson graphite tennis
image file #300
image file #6000
image file 13,191
200
indexed file
search engine library of image files

Fig. 2

Discount Tennis Equipment - All Major Brands

Blankcell

Home | Showroom | Racquet Facts | Grip Size | Clothing Size | Customer Feedback | MRT | How to Order | Terms | RMA Form
Shipping | Order Tracking | Foreign Orders | FAQ | Links | View or Edit Your Shopping Cart | ALTERNATE ORDER FORM

Tennis Racquets
- Babolat
- Dunlop
- Gamma
- Closeouts!
- Head
- Prince
- ProKennex
- Slazenger
- Volkl
- Wilson
- Yonex

Apparel
- Hats & Visors
- Keddies
- Shirts
- Shorts
- Socks
- Skirts
- Sweat - bands
- Towels

Bags
- Adidas
- Head
- Prince
- Wilson
- Yonex

Ball Hoppers & Tubes
- Gamma

Ball Machines
- Various

Balls
- Tennis Balls

Click Logo for US OPEN 2002 ***Tennis Gear!***

VOLKL RACQUETS

Volkl Catapult V1 Mid+/OS	*Volkl C-10 Pro*	*Volkl C-10 Pro O/S*	*Volkl C-10 Pro Extended*
$214.95	*$169.95*	*$119.95*	*$149.95*

Fig. 3

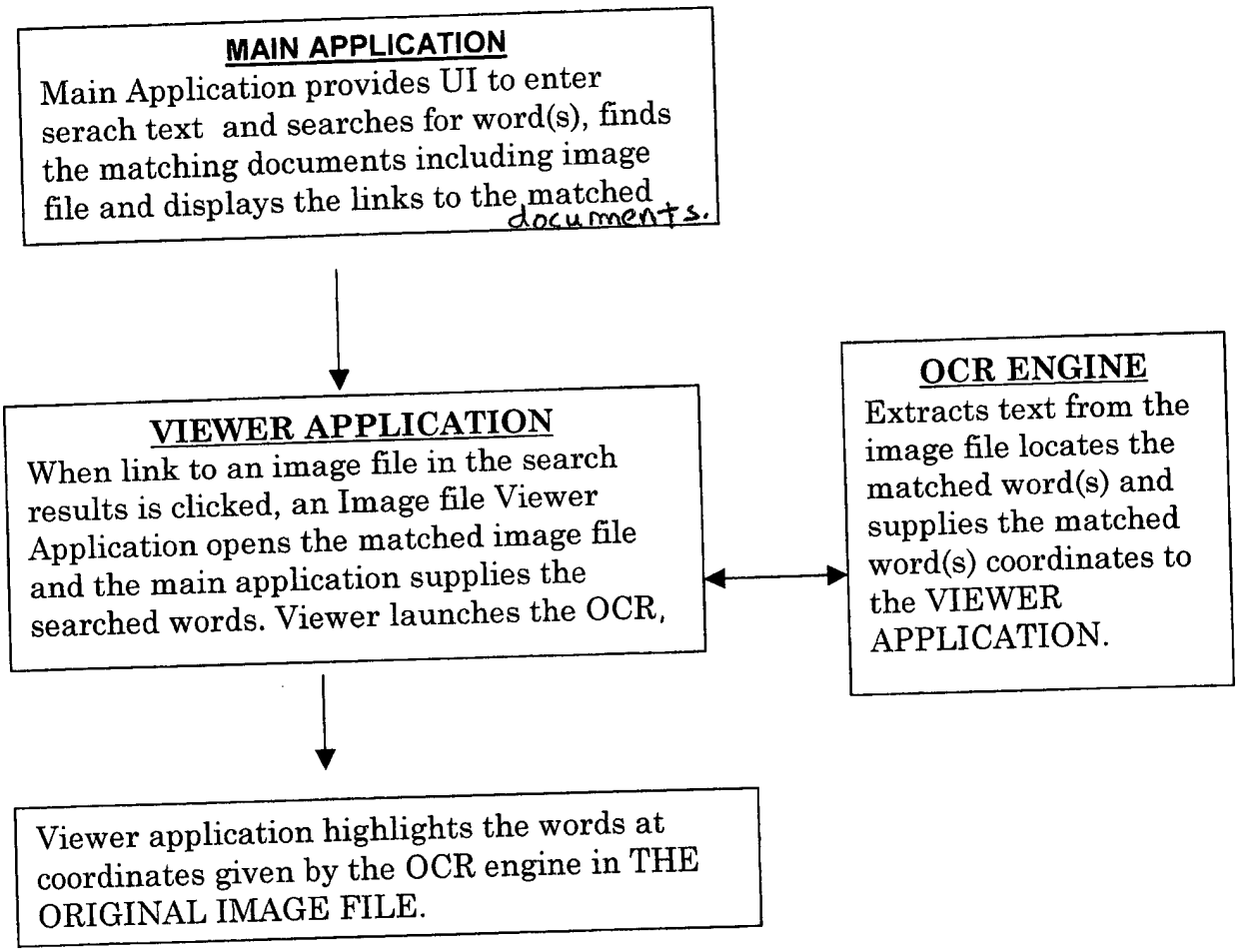
MAIN APPLICATION
Main Application provides UI to enter serach text and searches for word(s), finds the matching documents including image file and displays the links to the matched documents.
VIEWER APPLICATION
When link to an image file in the search results is clicked, an Image file Viewer Application opens the matched image file and the main application supplies the searched words. Viewer launches the OCR,
OCR ENGINE
Extracts text from the image file locates the matched word(s) and supplies the matched word(s) coordinates to the VIEWER APPLICATION.
Viewer application highlights the words at coordinates given by the OCR engine in THE ORIGINAL IMAGE FILE.

Fig. 4

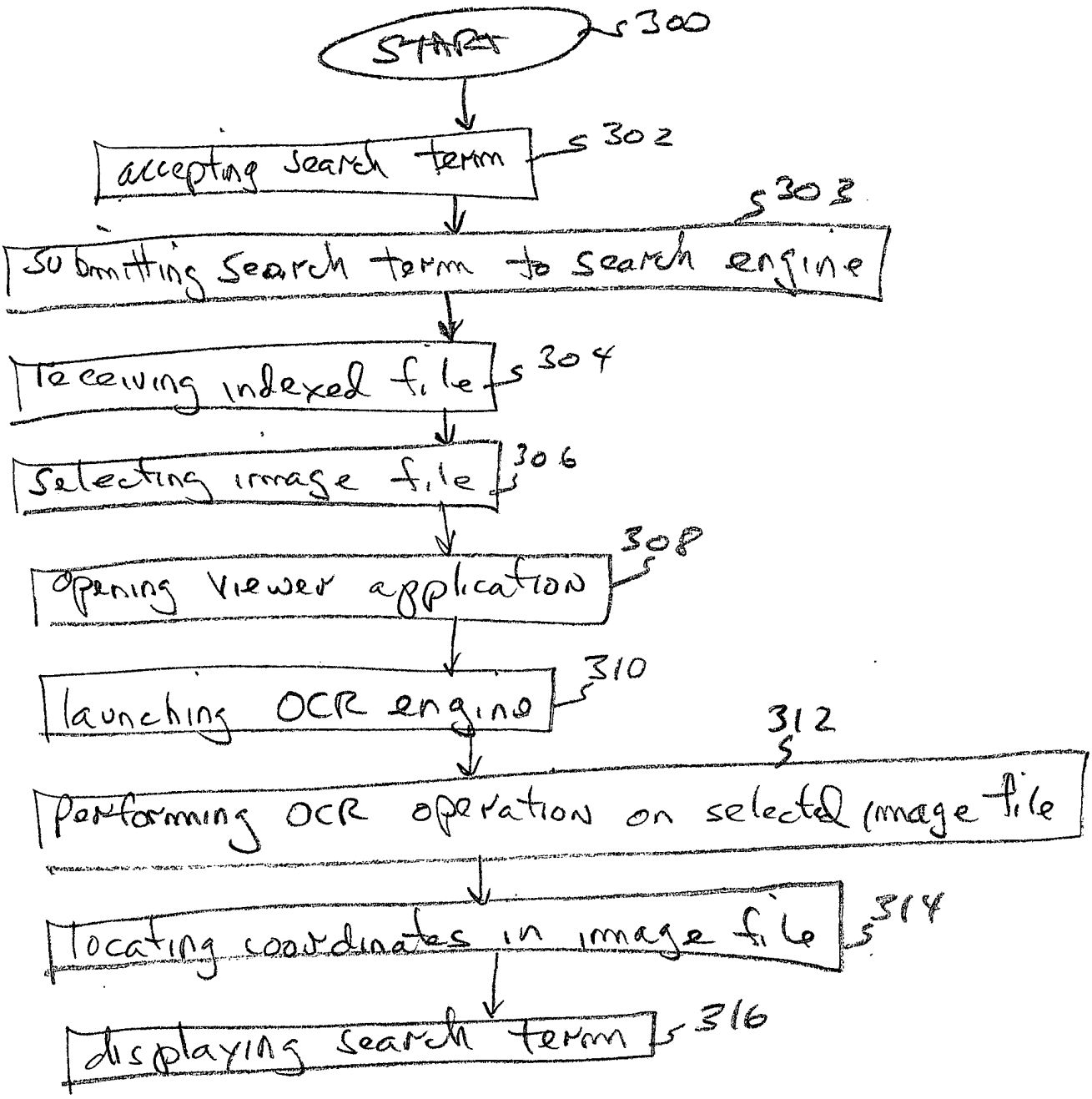
START
300
accepting search term
302
submitting search term to search engine
303
receiving indexed file
304
selecting image file
306
opening viewer application
308
launching OCR engine
310
performing OCR operation on selected image file
312
locating coordinates in image file
314
displaying search term
316

Fig. 5